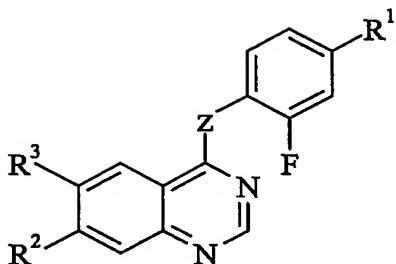


## CLAIMS

1. A compound of the formula I:



5

(I)

wherein:

Z is -NH-, -O- or -S-;

R<sup>1</sup> represents bromo or chloro;

10 R<sup>3</sup> represents C<sub>1-3</sub>alkoxy or hydrogen;

R<sup>2</sup> is selected from one of the following three groups:

(i) Q<sup>1</sup>X<sup>1</sup>-

wherein X<sup>1</sup> represents -O-, -S- or -NR<sup>4</sup>- wherein R<sup>4</sup> is hydrogen, C<sub>1-3</sub>alkyl or C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl and Q<sup>1</sup> is selected from one of the following ten groups:

15 1) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl and C<sub>1-6</sub>fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy

and a group  $-(\text{O}-)(\text{C}_{1-4}\text{alkyl})_g\text{ringD}$  (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $\text{C}_{1-4}\text{alkyl}$ ),

- 5 or  $\text{Q}^2$  bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if  $\text{Q}^1$  is  $\text{Q}^2$  and  $\text{X}^1$  is  $-\text{O}-$  then  $\text{Q}^2$  must bear at least one substituent selected from  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$ ,  $\text{C}_{1-4}\text{alkoxyC}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoylC}_{1-6}\text{alkyl}$ , and  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoylC}_{1-6}\text{alkyl}$  and optionally may bear a further 1 or 2 substituents as defined herein;
- 10 2)  $\text{C}_{1-5}\text{salkylW}^1\text{Q}^2$  (wherein  $\text{W}^1$  represents  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{SO}-$ ,  $-\text{SO}_2-$ ,  $-\text{C}(\text{O})-$ ,  $-\text{OC}(\text{O})-$ ,  $-\text{NQ}^3\text{C}(\text{O})-$ ,  $-\text{C}(\text{O})\text{NQ}^4-$ ,  $-\text{SO}_2\text{NQ}^5-$ ,  $-\text{NQ}^6\text{SO}_2-$  or  $-\text{NQ}^7-$  (wherein  $\text{Q}^3$ ,  $\text{Q}^4$ ,  $\text{Q}^5$ ,  $\text{Q}^6$  and  $\text{Q}^7$  each independently represents hydrogen,  $\text{C}_{1-3}\text{alkyl}$ ,  $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$ ,  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$  or  $\text{C}_{1-4}\text{haloalkyl}$ ) and  $\text{Q}^2$  is as defined herein;
- 15 3)  $\text{C}_{1-5}\text{salkylQ}^2$  (wherein  $\text{Q}^2$  is as defined herein);
- 15 4)  $\text{C}_{2-5}\text{alkenylQ}^2$  (wherein  $\text{Q}^2$  is as defined herein);
- 15 5)  $\text{C}_{2-5}\text{salkynylQ}^2$  (wherein  $\text{Q}^2$  is as defined herein);
- 15 6)  $\text{C}_{1-4}\text{alkylW}^2\text{C}_{1-4}\text{alkylQ}^2$  (wherein  $\text{W}^2$  represents  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{SO}-$ ,  $-\text{SO}_2-$ ,  $-\text{C}(\text{O})-$ ,  $-\text{OC}(\text{O})-$ ,  $-\text{NQ}^8\text{C}(\text{O})-$ ,  $-\text{C}(\text{O})\text{NQ}^9-$ ,  $-\text{SO}_2\text{NQ}^{10}-$ ,  $-\text{NQ}^{11}\text{SO}_2-$  or  $-\text{NQ}^{12}-$  (wherein  $\text{Q}^8$ ,  $\text{Q}^9$ ,  $\text{Q}^{10}$ ,  $\text{Q}^{11}$  and  $\text{Q}^{12}$  each independently represents hydrogen,  $\text{C}_{1-3}\text{alkyl}$ ,  $\text{C}_{1-3}\text{alkoxyC}_{2-3}\text{alkyl}$ ,  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$  or  $\text{C}_{1-4}\text{haloalkyl}$ ) and  $\text{Q}^2$  is as defined herein);
- 20 7)  $\text{C}_{2-5}\text{alkenylW}^2\text{C}_{1-4}\text{alkylQ}^2$  (wherein  $\text{W}^2$  and  $\text{Q}^2$  are as defined herein);
- 20 8)  $\text{C}_{2-5}\text{salkynylW}^2\text{C}_{1-4}\text{alkylQ}^2$  (wherein  $\text{W}^2$  and  $\text{Q}^2$  are as defined herein);
- 20 9)  $\text{C}_{1-4}\text{alkylQ}^{13}(\text{C}_{1-4}\text{alkyl})_j(\text{W}^2)_k\text{Q}^{14}$  (wherein  $\text{W}^2$  is as defined herein,  $j$  is 0 or 1,  $k$  is 0 or 1, and  $\text{Q}^{13}$  and  $\text{Q}^{14}$  are each independently selected from hydrogen,  $\text{C}_{1-3}\text{alkyl}$ , cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $\text{C}_{1-3}\text{alkyl}$  group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $\text{C}_{1-4}\text{alkoxy}$  and which cyclic group may bear 1, 2 or 3 substituents selected from  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$ ,  $\text{C}_{1-6}\text{fluoroalkyl}$ ,  $\text{C}_{1-6}\text{salkanoyl}$ ,  $\text{aminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{2-6}\text{alkanoyl}$ ,
- 25 10)  $\text{C}_{1-4}\text{alkoxyC}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-6}\text{fluoroalkanoyl}$ ,  $\text{carbamoyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoyl}$ ,  $\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoylC}_{1-6}\text{alkyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-6}\text{alkylsulphonyl}$ ,  $\text{C}_{1-6}\text{fluoroalkylsulphonyl}$ , oxo, hydroxy, halogeno, cyano,  $\text{C}_{1-4}\text{cyanoalkyl}$ ,  $\text{C}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{hydroxyalkyl}$ ,  $\text{C}_{1-4}\text{alkoxy}$ ,  $\text{C}_{1-4}\text{alkoxyC}_{1-6}\text{alkyl}$  and  $\text{C}_{1-4}\text{alkoxyC}_{2-6}\text{alkyl}$ );

$\text{C}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylsulphonylC}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkoxycarbonyl}$ ,  $\text{C}_{1-4}\text{aminoalkyl}$ ,  $\text{C}_{1-4}\text{alkylamino}$ ,  
 $\text{di}(\text{C}_{1-4}\text{alkyl})\text{amino}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{1-4}\text{alkyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{1-4}\text{alkoxy}$ ,  
 $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{1-4}\text{alkoxy}$  and a group  $-(\text{O}-)_f(\text{C}_{1-4}\text{alkyl})_g\text{ringD}$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic

5 group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $\text{C}_{1-4}\text{alkyl}$ ), with the provisos that  $\text{Q}^{13}$  cannot be hydrogen and one or both of  $\text{Q}^{13}$  and  $\text{Q}^{14}$  must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$ ,  $\text{C}_{1-6}\text{fluoroalkyl}$ ,  $\text{C}_{1-6}\text{alkanoyl}$ ,

10  $\text{aminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-4}\text{alkoxyC}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-6}\text{fluoroalkanoyl}$ ,  $\text{carbamoyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoyl}$ ,  $\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoylC}_{1-6}\text{alkyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-6}\text{alkylsulphonyl}$  and  $\text{C}_{1-6}\text{fluoroalkylsulphonyl}$  and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

15 10)  $\text{C}_{1-4}\text{alkylQ}^{13}-\text{C}(\text{O})-\text{C}_{1-4}\text{alkylQ}^{14n}$  wherein  $\text{Q}^{13}$  is as defined herein and is not hydrogen and  $\text{Q}^{14n}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein  $\text{Q}^{14n}$  is linked to  $\text{C}_{1-6}\text{alkyl}$  via a nitrogen atom or a carbon atom and wherein  $\text{Q}^{14n}$

20 optionally bears 1, 2 or 3 substituents selected from  $\text{C}_{2-5}\text{alkenyl}$ ,  $\text{C}_{2-5}\text{salkynyl}$ ,  $\text{C}_{1-6}\text{fluoroalkyl}$ ,  $\text{C}_{1-6}\text{alkanoyl}$ ,  $\text{aminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-4}\text{alkoxyC}_{1-4}\text{alkylaminoC}_{2-6}\text{alkanoyl}$ ,  $\text{C}_{1-6}\text{fluoroalkanoyl}$ ,  $\text{carbamoyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoyl}$ ,  $\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylcarbamoylC}_{1-6}\text{alkyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{carbamoylC}_{1-6}\text{alkyl}$ ,  $\text{C}_{1-6}\text{alkylsulphonyl}$ ,  $\text{C}_{1-6}\text{fluoroalkylsulphonyl}$ ,  $\text{oxo}$ ,  $\text{hydroxy}$ ,

25 halogeno, cyano,  $\text{C}_{1-4}\text{cyanoalkyl}$ ,  $\text{C}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{hydroxyalkyl}$ ,  $\text{C}_{1-4}\text{alkoxy}$ ,  $\text{C}_{1-4}\text{alkoxyC}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylsulphonylC}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkoxycarbonyl}$ ,  $\text{C}_{1-4}\text{aminoalkyl}$ ,  $\text{C}_{1-4}\text{alkylamino}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{amino}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{1-4}\text{alkyl}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{1-4}\text{alkyl}$ ,  $\text{C}_{1-4}\text{alkylaminoC}_{1-4}\text{alkoxy}$ ,  $\text{di}(\text{C}_{1-4}\text{alkyl})\text{aminoC}_{1-4}\text{alkoxy}$  and a group  $-(\text{O}-)_f(\text{C}_{1-4}\text{alkyl})_g\text{ringD}$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic

30 group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $\text{C}_{1-4}\text{alkyl}$ ) or  $\text{Q}^{14n}$  bears a single substituent selected from methylenedioxy and ethylenedioxy);

(ii)  $\text{Q}^{15}\text{W}^3-$

wherein  $W^3$  represents  $-NQ^{16}C(O)-$ ,  $-C(O)NQ^{17}-$ ,  $-SO_2NQ^{18}-$ ,  $-NQ^{19}SO_2-$  or  $-NQ^{20}-$  (wherein  $Q^{16}$ ,  $Q^{17}$ ,  $Q^{18}$ ,  $Q^{19}$  and  $Q^{20}$  each independently represents  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl,  $C_{1-4}$ haloalkyl), and  $Q^{15}$  is  $C_{1-6}$ haloalkyl,  $C_{2-5}$ alkenyl or  $C_{2-5}$ salkynyl; and

(iii)  $Q^{21}W^4C_{1-5}$ salkyl $X^1$  wherein  $X^1$  is as defined herein,  $W^4$  represents  $-NQ^{22}C(O)-$ ,  $-$

5  $C(O)NQ^{23}-$ ,  $-SO_2NQ^{24}-$ ,  $-NQ^{25}SO_2-$  or  $-NQ^{26}-$  (wherein  $Q^{22}$ ,  $Q^{23}$ ,  $Q^{24}$ ,  $Q^{25}$  and  $Q^{26}$  each independently represents hydrogen,  $C_{1-3}$ alkyl,  $C_{1-3}$ alkoxy $C_{2-3}$ alkyl,  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl or  $C_{1-4}$ haloalkyl), and  $Q^{21}$  represents  $C_{1-6}$ haloalkyl,  $C_{2-5}$ alkenyl or  $C_{2-5}$ salkynyl; or a salt thereof.

10 2. A compound according to claim 1 wherein  $Z$  is  $-NH-$ .

3. A compound according to claim 1 or claim 2 wherein  $R^3$  is methoxy.

4. A compound according to any one of claims 1, 2 and 3 wherein  $X^1$  is  $-O-$ .

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5. A compound according to any one of the preceding claims wherein  $R^2$  is selected from group (ii) of the groups (i), (ii) and (iii) defined in claim 1.

6. A compound according to any one of the preceding claims wherein  $R^2$  is selected from 20 group (iii) of the groups (i), (ii) and (iii) defined in claim 1.

7. A compound according to any one of the preceding claims wherein  $R^2$  is selected from group (i) of the groups (i), (ii) and (iii) defined in claim 1.

25 8. A compound according to claim 7 wherein  $R^2$  is  $Q^1X^1-$  wherein  $X^1$  is as defined in claim 1 and  $Q^1$  is selected from one of the following ten groups:

1)  $Q^2$  (wherein  $Q^2$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,

30  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,

C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl), or Q<sup>2</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if Q<sup>1</sup> is Q<sup>2</sup> and X<sup>1</sup> is -O- then Q<sup>2</sup> must bear at least one substituent

5) selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and optionally may bear a further 1 or 2 substituents as defined herein;

2) C<sub>1-5</sub>alkylW<sup>1</sup>Q<sup>2</sup> (wherein W<sup>1</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)-, -NQ<sup>3</sup>C(O)-, -C(O)NQ<sup>4</sup>-, -SO<sub>2</sub>NQ<sup>5</sup>-, -NQ<sup>6</sup>SO<sub>2</sub>- or -NQ<sup>7</sup>- (wherein Q<sup>3</sup>, Q<sup>4</sup>, Q<sup>5</sup>, Q<sup>6</sup> and Q<sup>7</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl or C<sub>1-4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein;

3) C<sub>1-5</sub>alkylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);

4) C<sub>2-5</sub>alkenylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);

5) C<sub>2-5</sub>alkynylQ<sup>2</sup> (wherein Q<sup>2</sup> is as defined herein);

25) 6) C<sub>1-4</sub>alkylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)-, -NQ<sup>8</sup>C(O)-, -C(O)NQ<sup>9</sup>-, -SO<sub>2</sub>NQ<sup>10</sup>-, -NQ<sup>11</sup>SO<sub>2</sub>- or -NQ<sup>12</sup>- (wherein Q<sup>8</sup>, Q<sup>9</sup>, Q<sup>10</sup>, Q<sup>11</sup> and Q<sup>12</sup> each independently represents hydrogen, C<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl or C<sub>1-4</sub>haloalkyl) and Q<sup>2</sup> is as defined herein);

7) C<sub>2-5</sub>alkenylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> and Q<sup>2</sup> are as defined herein);

30) 8) C<sub>2-5</sub>alkynylW<sup>2</sup>C<sub>1-4</sub>alkylQ<sup>2</sup> (wherein W<sup>2</sup> and Q<sup>2</sup> are as defined herein);

9) C<sub>1-4</sub>alkylQ<sup>13</sup>(C<sub>1-4</sub>alkyl)<sub>j</sub>(W<sup>2</sup>)<sub>k</sub>Q<sup>14</sup> (wherein W<sup>2</sup> is as defined herein, j is 0 or 1, k is 0 or 1, and Q<sup>13</sup> and Q<sup>14</sup> are each independently selected from hydrogen, C<sub>1-3</sub>alkyl, cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2

heteroatoms, selected independently from O, S and N, which  $C_{1-3}$ alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}$ alkoxy and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,

5  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino,

10 di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(O)_f(C_{1-4}$ alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), with the provisos that  $Q^{13}$

15 cannot be hydrogen and one or both of  $Q^{13}$  and  $Q^{14}$  must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl,

20 carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

10)  $C_{1-4}$ alkyl $Q^{13}$ -C(O)- $C_{1-4}$ alkyl $Q^{14n}$  wherein  $Q^{13}$  is as defined herein and is not hydrogen and  $Q^{14n}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein  $Q^{14n}$  is linked to  $C_{1-6}$ alkyl via a nitrogen atom and wherein  $Q^{14n}$  optionally bears 1, 2 or 3 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl,

25 20 di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino,

di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic

5 group may bear one or more substituents selected from C<sub>1-4</sub>alkyl)

or Q<sup>14n</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy).

9. A compound according to claim 7 wherein R<sup>2</sup> is Q<sup>1</sup>X<sup>1</sup>- wherein X<sup>1</sup> is as defined in claim 1 and Q<sup>1</sup> is selected from one of the following ten groups:

10 1) Q<sup>2</sup> (wherein Q<sup>2</sup> is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and which heterocyclic

15 group may optionally bear a further 1 or 2 substituents selected from C<sub>2-5</sub>alkenyl, C<sub>2-5</sub>alkynyl, C<sub>1-6</sub>fluoroalkyl, C<sub>1-6</sub>alkanoyl, aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>2-6</sub>alkanoyl, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, C<sub>1-6</sub>fluoroalkanoyl, carbamoyl, C<sub>1-4</sub>alkylcarbamoyl, di(C<sub>1-4</sub>alkyl)carbamoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkylsulphonyl, C<sub>1-6</sub>fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano, C<sub>1-4</sub>cyanoalkyl, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>hydroxyalkyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylsulphonylC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>aminoalkyl, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkyl, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylaminoC<sub>1-4</sub>alkoxy, di(C<sub>1-4</sub>alkyl)aminoC<sub>1-4</sub>alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub>alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-

25 membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from C<sub>1-4</sub>alkyl),

or Q<sup>2</sup> bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if Q<sup>1</sup> is Q<sup>2</sup> and X<sup>1</sup> is -O- then Q<sup>2</sup> must bear at least one substituent

30 selected from C<sub>1-4</sub>alkoxyC<sub>1-4</sub>alkylaminoC<sub>2-6</sub>alkanoyl, carbamoylC<sub>1-6</sub>alkyl, C<sub>1-4</sub>alkylcarbamoylC<sub>1-6</sub>alkyl, and di(C<sub>1-4</sub>alkyl)carbamoylC<sub>1-6</sub>alkyl and optionally may bear a further 1 or 2 substituents as defined herein;

2)  $C_{1-5}alkylW^1Q^2$  (wherein  $W^1$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)-, -NQ<sup>3</sup>C(O)-, -C(O)NQ<sup>4</sup>-, -SO<sub>2</sub>NQ<sup>5</sup>-, -NQ<sup>6</sup>SO<sub>2</sub>- or -NQ<sup>7</sup>- (wherein Q<sup>3</sup>, Q<sup>4</sup>, Q<sup>5</sup>, Q<sup>6</sup> and Q<sup>7</sup> each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and Q<sup>2</sup> is as defined herein;

5 3)  $C_{1-5}alkylQ^2$  (wherein Q<sup>2</sup> is as defined herein);

4)  $C_{2-5}alkenylQ^2$  (wherein Q<sup>2</sup> is as defined herein);

5)  $C_{2-5}alkynylQ^2$  (wherein Q<sup>2</sup> is as defined herein);

6)  $C_{1-4}alkylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(O)-, -OC(O)- - NQ<sup>8</sup>C(O)-, -C(O)NQ<sup>9</sup>-, -SO<sub>2</sub>NQ<sup>10</sup>-, -NQ<sup>11</sup>SO<sub>2</sub>- or -NQ<sup>12</sup>- (wherein Q<sup>8</sup>, Q<sup>9</sup>, Q<sup>10</sup>, Q<sup>11</sup> and Q<sup>12</sup>

10 each independently represents hydrogen,  $C_{1-3}alkyl$ ,  $C_{1-3}alkoxyC_{2-3}alkyl$ ,  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$  or  $C_{1-4}haloalkyl$ ) and Q<sup>2</sup> is as defined herein);

7)  $C_{2-5}alkenylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and Q<sup>2</sup> are as defined herein);

8)  $C_{2-5}alkynylW^2C_{1-4}alkylQ^2$  (wherein  $W^2$  and Q<sup>2</sup> are as defined herein);

9)  $C_{1-4}alkylQ^{13}(C_{1-4}alkyl)_j(W^2)_kQ^{14}$  (wherein  $W^2$  is as defined herein, j is 0 or 1, k is 0 or 1,

15 and Q<sup>13</sup> and Q<sup>14</sup> are each independently a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $C_{1-6}alkanoyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ ,

20 carbamoyl,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ ,  $C_{1-6}alkylsulphonyl$ ,  $C_{1-6}fluoroalkylsulphonyl$ , oxo, hydroxy, halogeno, cyano,  $C_{1-4}cyanoalkyl$ ,  $C_{1-4}alkyl$ ,  $C_{1-4}hydroxyalkyl$ ,  $C_{1-4}alkoxy$ ,  $C_{1-4}alkoxyC_{1-4}alkyl$ ,  $C_{1-4}alkylsulphonylC_{1-4}alkyl$ ,  $C_{1-4}alkoxycarbonyl$ ,  $C_{1-4}aminoalkyl$ ,  $C_{1-4}alkylamino$ ,  $di(C_{1-4}alkyl)amino$ ,  $C_{1-4}alkylaminoC_{1-4}alkyl$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkyl$ ,  $C_{1-4}alkylaminoC_{1-4}alkoxy$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkoxy$  and a group  $-(O)_f(C_{1-4}alkyl)_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ), with the proviso that one or both of Q<sup>13</sup> and Q<sup>14</sup> bears at least one

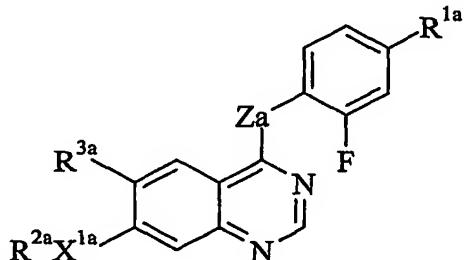
25 substituent selected from  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$  and  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ , and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

30 substituent selected from  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$  and  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ , and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

10)  $C_{1-4}\text{alkyl}Q^{13}\text{-C(O)-}C_{1-4}\text{alkyl}Q^{14n}$  wherein  $Q^{13}$  is as defined herein and  $Q^{14n}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group containing at least one nitrogen atom and optionally containing a further heteroatom selected from N and O wherein  $Q^{14n}$  is linked to  $C_{1-6}\text{alkyl}$  via a nitrogen atom or a carbon atom and wherein  $Q^{14n}$  optionally bears 1, 2 or 3 substituents selected from  $C_{2-5}\text{alkenyl}$ ,  $C_{2-5}\text{alkynyl}$ ,  $C_{1-6}\text{fluoroalkyl}$ ,  $C_{1-6}\text{alkanoyl}$ ,  $\text{amino}C_{2-6}\text{alkanoyl}$ ,  $C_{1-4}\text{alkylamino}C_{2-6}\text{alkanoyl}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{amino}C_{2-6}\text{alkanoyl}$ ,  $C_{1-4}\text{alkoxy}C_{1-4}\text{alkylamino}C_{2-6}\text{alkanoyl}$ ,  $C_{1-6}\text{fluoroalkanoyl}$ ,  $\text{carbamoyl}$ ,  $C_{1-4}\text{alkylcarbamoyl}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{carbamoyl}$ ,  $\text{carbamoyl}C_{1-6}\text{alkyl}$ ,  $C_{1-4}\text{alkylcarbamoyl}C_{1-6}\text{alkyl}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{carbamoyl}C_{1-6}\text{alkyl}$ ,  $C_{1-6}\text{alkylsulphonyl}$ ,  $C_{1-6}\text{fluoroalkylsulphonyl}$ ,  $\text{oxo}$ ,  $\text{hydroxy}$ ,  $\text{halogeno}$ ,  $\text{cyano}$ ,  $C_{1-4}\text{cyanoalkyl}$ ,  $C_{1-4}\text{alkyl}$ ,  $C_{1-4}\text{hydroxyalkyl}$ ,  $C_{1-4}\text{alkoxy}$ ,  $C_{1-4}\text{alkoxy}C_{1-4}\text{alkyl}$ ,  $C_{1-4}\text{alkylsulphonyl}C_{1-4}\text{alkyl}$ ,  $C_{1-4}\text{alkoxycarbonyl}$ ,  $C_{1-4}\text{aminoalkyl}$ ,  $C_{1-4}\text{alkylamino}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{amino}$ ,  $C_{1-4}\text{alkylamino}C_{1-4}\text{alkyl}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{amino}C_{1-4}\text{alkyl}$ ,  $C_{1-4}\text{alkylamino}C_{1-4}\text{alkoxy}$ ,  $\text{di}(C_{1-4}\text{alkyl})\text{amino}C_{1-4}\text{alkoxy}$  and a group  $-(O)_f(C_{1-4}\text{alkyl})_g\text{ringD}$  (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}\text{alkyl}$ ) or  $Q^{14n}$  bears a single substituent selected from methylenedioxy and ethylenedioxy).

10. A compound according to claim 1 of the formula Ia:

20



(Ia)

wherein:

$Za$  is  $-\text{NH-}$ ,  $-\text{O-}$  or  $-\text{S-}$ ;

25  $R^{1a}$  represents bromo or chloro;

$R^{3a}$  represents  $C_{1-3}\text{alkoxy}$  or hydrogen;

$X^{1a}$  represents  $-\text{O-}$ ,  $-\text{S-}$  or  $-\text{NR}^{4a}$  where  $R^{4a}$  is hydrogen,  $C_{1-3}\text{alkyl}$  or  $C_{1-3}\text{alkoxy}C_{2-3}\text{alkyl}$ ;

$R^{2a}$  is selected from one of the following groups:

1)  $C_{1-5}alkylR^{5a}$  (wherein  $R^{5a}$  is a 5- or 6-membered heterocyclic ring selected from morpholine, pyrrolidine, piperidine and piperazine which heterocyclic ring bears at least one substituent selected from amino $C_{2-4}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-4}alkanoyl$ , di( $C_{1-4}alkyl$ )amino $C_{2-4}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-4}alkanoyl$ , methylenedioxy and ethylenedioxy);

2)  $C_{2-5}alkenylR^{5a}$  (wherein  $R^{5a}$  is as defined herein);

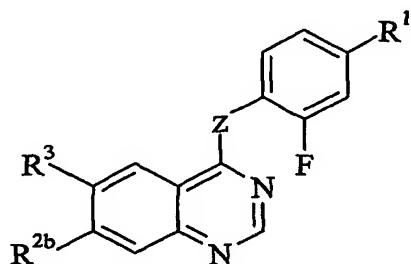
3)  $C_{2-5}alkynylR^{5a}$  (wherein  $R^{5a}$  is as defined herein);

4)  $C_{1-5}alkylR^{6a}C(O)(CH_2)_{ma}R^{7a}$  (wherein  $ma$  is 1 or 2,  $R^{6a}$  is a 5- or 6-membered heterocyclic ring selected from morpholine, pyrrolidine, piperidine and piperazine which heterocyclic ring 10 may bear one or two substituents selected from fluoro, hydroxy and methyl, and  $R^{7a}$  is a 5- or 6-membered heterocyclic ring selected from pyrrolidine, piperidine, piperazine and morpholine which heterocyclic ring is linked to  $(CH_2)_{ma}$  via a nitrogen atom or a carbon atom and which heterocyclic ring may bear one or more substituents selected from hydroxy, halogeno,  $C_{1-4}alkanoyl$ , methylenedioxy and ethylenedioxy); and

15 5)  $C_{1-5}alkylR^{6a}(CH_2)_{ma}C(O)R^{8a}$  (wherein  $ma$  and  $R^{6a}$  are as defined herein and  $R^{8a}$  is a 5- or 6-membered heterocyclic ring selected from pyrrolidine, piperidine, piperazine and morpholine which heterocyclic ring is linked to  $C(O)$  via a nitrogen atom or a carbon atom and which heterocyclic ring may bear one or more substituents selected from hydroxy, halogeno,  $C_{1-4}alkanoyl$ , methylenedioxy and ethylenedioxy)

20 or a salt thereof.

11. A compound according to claim 1 of the formula Ib:



25

(Ib)

wherein:

$Z$ ,  $R^1$  and  $R^3$  are as defined in claim 1 and

$R^{2b}$  is selected from one of the following three groups:

(i)  $Q^{1b}X^{1-}$

wherein  $X^1$  is as defined in claim 1 and  $Q^{1b}$  is selected from one of the following ten groups:

- 1)  $Q^{2b}$  (wherein  $Q^{2b}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl,  $C_{1-6}$ fluoroalkyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and  $C_{1-6}$ fluoroalkylsulphonyl and which heterocyclic group may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cyanoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(-O-)_f(C_{1-4}$ alkyl) $_g$ ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), or  $Q^{2b}$  bears a single substituent selected from methylenedioxy and ethylenedioxy); with the proviso that if  $Q^{1b}$  is  $Q^{2b}$  and  $X^1$  is -O- then  $Q^{2b}$  must bear at least one substituent selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ salkynyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, and di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and optionally may bear a further 1 or 2 substituents as defined herein;
- 2)  $C_{1-5}$ alkyl $W^1Q^2$  (wherein  $W^1$  and  $Q^2$  are as defined in claim 1);
- 3)  $C_{1-5}$ alkyl $Q^{2b}$  (wherein  $Q^{2b}$  is as defined herein);
- 4)  $C_{2-5}$ alkenyl $Q^2$  (wherein  $Q^2$  is as defined in claim 1);
- 5)  $C_{2-5}$ salkynyl $Q^2$  (wherein  $Q^2$  is as defined in claim 1);
- 6)  $C_{1-4}$ alkyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);
- 7)  $C_{2-5}$ alkenyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);
- 8)  $C_{2-5}$ salkynyl $W^2C_{1-4}$ alkyl $Q^2$  (wherein  $W^2$  and  $Q^2$  are as defined in claim 1);

9)  $C_{1-4}alkylQ^{13b}(C_{1-4}alkyl)_j(W^2)_kQ^{14b}$  (wherein  $W^2$  is as defined in claim 1,  $j$  is 0 or 1,  $k$  is 0 or 1, and  $Q^{13b}$  and  $Q^{14b}$  are each independently selected from hydrogen,  $C_{1-3}alkyl$ , cyclopentyl, cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $C_{1-3}alkyl$  group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}alkoxy$  and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $C_{1-6}alkanoyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ , carbamoyl,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$ ,  $C_{1-6}fluoroalkylsulphonyl$ , oxo, hydroxy, halogeno, cyano,  $C_{1-4}cyanoalkyl$ ,  $C_{1-4}alkyl$ ,  $C_{1-4}hydroxyalkyl$ ,  $C_{1-4}alkoxy$ ,  $C_{1-4}alkoxyC_{1-4}alkyl$ ,  $C_{1-4}alkylsulphonylC_{1-4}alkyl$ ,  $C_{1-4}alkoxycarbonyl$ ,  $C_{1-4}aminoalkyl$ ,  $C_{1-4}alkylamino$ ,  $di(C_{1-4}alkyl)amino$ ,  $C_{1-4}alkylaminoC_{1-4}alkyl$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkyl$ ,  $C_{1-4}alkylaminoC_{1-4}alkoxy$ ,  $di(C_{1-4}alkyl)aminoC_{1-4}alkoxy$  and a group  $-(-O-)_f(C_{1-4}alkyl)_g$  ring D (wherein  $f$  is 0 or 1,  $g$  is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from  $C_{1-4}alkyl$ ), with the provisos that  $Q^{13b}$  cannot be hydrogen and one or both of  $Q^{13b}$  and  $Q^{14b}$  must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from  $C_{2-5}alkenyl$ ,  $C_{2-5}alkynyl$ ,  $C_{1-6}fluoroalkyl$ ,  $aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $di(C_{1-4}alkyl)aminoC_{2-6}alkanoyl$ ,  $C_{1-4}alkoxyC_{1-4}alkylaminoC_{2-6}alkanoyl$ ,  $C_{1-6}fluoroalkanoyl$ , carbamoyl,  $C_{1-4}alkylcarbamoyl$ ,  $di(C_{1-4}alkyl)carbamoyl$ , carbamoyl $C_{1-6}alkyl$ ,  $C_{1-4}alkylcarbamoylC_{1-6}alkyl$ ,  $di(C_{1-4}alkyl)carbamoylC_{1-6}alkyl$  and  $C_{1-6}fluoroalkylsulphonyl$  and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

10)  $C_{1-4}alkylQ^{13-C(O)-C_{1-4}alkyl}Q^{14n}$  (wherein  $Q^{13}$  and  $Q^{14n}$  are as defined in claim 1);

(ii)  $Q^{15}W^3-$  (wherein  $W^3$  and  $Q^{15}$  are defined in claim 1); and

(iii)  $Q^{21}W^4C_{1-5}alkylX^1$  (wherein  $X^1$ ,  $W^4$  and  $Q^{21}$  are as defined in claim 1); or a salt thereof.

30

12. A compound according to claim 11 wherein  $R^{2b}$  is  $Q^{1b}X^1-$  wherein  $X^1$  is as defined in claim 1 and  $Q^{1b}$  is selected from one of the following ten groups:

1)  $Q^{2b}$  (wherein  $Q^{2b}$  is a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group bears at least one substituent selected from  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl and di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl and which heterocyclic group 5 may optionally bear a further 1 or 2 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$ alkanoyl, amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl, di( $C_{1-4}$ alkyl)amino $C_{2-6}$ alkanoyl,  $C_{1-4}$ alkoxy $C_{1-4}$ alkylamino $C_{2-6}$ alkanoyl,  $C_{1-6}$ fluoroalkanoyl, carbamoyl,  $C_{1-4}$ alkylcarbamoyl, di( $C_{1-4}$ alkyl)carbamoyl, carbamoyl $C_{1-6}$ alkyl,  $C_{1-4}$ alkylcarbamoyl $C_{1-6}$ alkyl, di( $C_{1-4}$ alkyl)carbamoyl $C_{1-6}$ alkyl,  $C_{1-6}$ alkylsulphonyl,  $C_{1-6}$ fluoroalkylsulphonyl, oxo, hydroxy, halogeno, cyano,  $C_{1-4}$ cynoalkyl,  $C_{1-4}$ alkyl,  $C_{1-4}$ hydroxyalkyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkoxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkylsulphonyl $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxycarbonyl,  $C_{1-4}$ aminoalkyl,  $C_{1-4}$ alkylamino, di( $C_{1-4}$ alkyl)amino,  $C_{1-4}$ alkylamino $C_{1-4}$ alkyl, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkyl,  $C_{1-4}$ alkylamino $C_{1-4}$ alkoxy, di( $C_{1-4}$ alkyl)amino $C_{1-4}$ alkoxy and a group  $-(-O-)_f(C_{1-4}$ alkyl)<sub>g</sub>ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6- 10 membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which cyclic group may bear one or more substituents selected from  $C_{1-4}$ alkyl), or  $Q^{2b}$  bears a single substituent selected from methylenedioxy and ethylenedioxy);

2)  $C_{1-5}$ alkyl $W^1$  $Q^{2b}$  (wherein  $W^1$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);

20 3)  $C_{1-5}$ alkyl $Q^{2b}$  (wherein  $Q^{2b}$  is as defined herein);

4)  $C_{2-5}$ alkenyl $Q^{2b}$  (wherein  $Q^{2b}$  is as defined herein);

5)  $C_{2-5}$ alkynyl $Q^{2b}$  (wherein  $Q^{2b}$  is as defined herein);

6)  $C_{1-4}$ alkyl $W^2$  $C_{1-4}$ alkyl $Q^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);

7)  $C_{2-5}$ alkenyl $W^2$  $C_{1-4}$ alkyl $Q^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined 25 herein);

8)  $C_{2-5}$ alkynyl $W^2$  $C_{1-4}$ alkyl $Q^{2b}$  (wherein  $W^2$  is as defined in claim 1 and  $Q^{2b}$  is as defined herein);

9)  $C_{1-4}$ alkyl $Q^{13b}$ ( $C_{1-4}$ alkyl)<sub>j</sub>( $W^2$ )<sub>k</sub> $Q^{14b}$  (wherein  $W^2$  is as defined in claim 1, j is 0 or 1, k is 0 or 1, and  $Q^{13b}$  and  $Q^{14b}$  are each independently selected from hydrogen,  $C_{1-3}$ alkyl, cyclopentyl, 30 cyclohexyl and a 5-6-membered saturated or partially unsaturated heterocyclic group with 1-2 heteroatoms, selected independently from O, S and N, which  $C_{1-3}$ alkyl group may bear 1 or 2 substituents selected from oxo, hydroxy, halogeno and  $C_{1-4}$ alkoxy and which cyclic group may bear 1, 2 or 3 substituents selected from  $C_{2-5}$ alkenyl,  $C_{2-5}$ alkynyl,  $C_{1-6}$ fluoroalkyl,  $C_{1-6}$

6 alkanoyl, aminoC<sub>2-6</sub> alkanoyl, C<sub>1-4</sub> alkylaminoC<sub>2-6</sub> alkanoyl, di(C<sub>1-4</sub> alkyl)aminoC<sub>2-6</sub> alkanoyl, C<sub>1-4</sub> alkoxyC<sub>1-4</sub> alkylaminoC<sub>2-6</sub> alkanoyl, C<sub>1-6</sub> fluoroalkanoyl, carbamoyl, C<sub>1-4</sub> alkylcarbamoyl, di(C<sub>1-4</sub> alkyl)carbamoyl, carbamoylC<sub>1-6</sub> alkyl, C<sub>1-4</sub> alkylcarbamoylC<sub>1-6</sub> alkyl, di(C<sub>1-4</sub> alkyl)carbamoylC<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkylsulphonyl, C<sub>1-6</sub> fluoroalkylsulphonyl, oxo, hydroxy,

5 halogeno, cyano, C<sub>1-4</sub> cyanoalkyl, C<sub>1-4</sub> alkyl, C<sub>1-4</sub> hydroxyalkyl, C<sub>1-4</sub> alkoxy, C<sub>1-4</sub> alkoxyC<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkylsulphonylC<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy carbonyl, C<sub>1-4</sub> aminoalkyl, C<sub>1-4</sub> alkylamino, di(C<sub>1-4</sub> alkyl)amino, C<sub>1-4</sub> alkylaminoC<sub>1-4</sub> alkyl, di(C<sub>1-4</sub> alkyl)aminoC<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkylaminoC<sub>1-4</sub> alkoxy, di(C<sub>1-4</sub> alkyl)aminoC<sub>1-4</sub> alkoxy and a group -(-O-)<sub>f</sub>(C<sub>1-4</sub> alkyl)<sub>g</sub> ringD (wherein f is 0 or 1, g is 0 or 1 and ring D is a 5-6-membered saturated or partially unsaturated heterocyclic

10 group with 1-2 heteroatoms, selected independently from O, S and N, which heterocyclic group may bear one or more substituents selected from C<sub>1-4</sub> alkyl), with the provisos that Q<sup>13b</sup> cannot be hydrogen and one or both of Q<sup>13b</sup> and Q<sup>14b</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which heterocyclic group bears at least one substituent selected from C<sub>1-4</sub> alkoxyC<sub>1-4</sub> alkylaminoC<sub>2-6</sub> alkanoyl, C<sub>1-4</sub> alkylcarbamoylC<sub>1-6</sub> alkyl and di(C<sub>1-4</sub> alkyl)carbamoylC<sub>1-6</sub> alkyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein); and

15 10) C<sub>1-4</sub> alkylQ<sup>13b</sup>-C(O)-C<sub>1-4</sub> alkylQ<sup>14b</sup> (wherein Q<sup>13b</sup> and Q<sup>14b</sup> are as defined herein and with the provisos that Q<sup>13b</sup> cannot be hydrogen and one or both of Q<sup>13b</sup> and Q<sup>14b</sup> must be a 5-6-membered saturated or partially unsaturated heterocyclic group as defined herein which

20 heterocyclic group bears at least one substituent selected from C<sub>1-4</sub> alkoxyC<sub>1-4</sub> alkylaminoC<sub>2-6</sub> alkanoyl, C<sub>1-4</sub> alkylcarbamoylC<sub>1-6</sub> alkyl and di(C<sub>1-4</sub> alkyl)carbamoylC<sub>1-6</sub> alkyl and which heterocyclic group optionally bears 1 or 2 further substituents selected from those defined herein).

25 13. A compound according to claim 1 selected from:

4-(4-bromo-2-fluoroanilino)-7-({1-[(N,N- dimethylamino)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,

4-(4-chloro-2-fluoroanilino)-7-({1-[(N,N-dimethylamino)acetyl]piperidin-4-yl}methoxy)-6-methoxyquinazoline,

30 4-(4-chloro-2-fluoroanilino)-6-methoxy-7- {[1-(pyrrolidin-1-ylacetyl)piperidin-4-yl]methoxy}quinazoline,

4-(4-chloro-2-fluoroanilino)-6-methoxy-7- {[1-(piperidin-1-ylacetyl)piperidin-4-yl]methoxy}quinazoline,

4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-(morpholin-4-ylacetyl)piperidin-4-yl]methoxy}quinazoline,

4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-[(3a*R*,6a*S*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-ylacetyl]piperidin-4-yl]methoxy}quinazoline,

5 7-{{1-[(4-acetylpiperazin-1-yl)acetyl]piperidin-4-yl]methoxy}-4-(4-chloro-2-fluoroanilino)-6-methoxyquinazoline,

(3*S*)-4-(4-chloro-2-fluoroanilino)-7-{{1-[(3-hydroxypyrrolidin-1-yl)acetyl]piperidin-4-yl]methoxy}-6-methoxyquinazoline,

4-(4-chloro-2-fluoroanilino)-6-methoxy-7-[(1-{{[N-(2-methoxyethyl)amino]acetyl}piperidin-4-yl]methoxy}quinazoline,

10 4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-[(*N*-methylamino)acetyl]piperidin-4-yl]methoxy}quinazoline,

4-(4-chloro-2-fluoroanilino)-6-methoxy-7-{{1-[(3,3-difluoropyrrolidin-1-yl)acetyl]piperidin-4-yl]methoxy}6-methoxyquinazoline,

15 4-(4-chloro-2-fluoroanilino)-7-(2-{{1-[(*N,N*-dimethylamino)acetyl]piperidin-4-yl}ethoxy)-6-methoxyquinazoline,

4-(4-bromo-2-fluoroanilino)-7-(2-{{1-[(*N,N*-dimethylamino)acetyl]piperidin-4-yl}ethoxy)-6-methoxyquinazoline,

4-(4-chloro-2-fluoroanilino)-7-{{(3*R*)-1-[(*N,N*-dimethylamino)acetyl]piperidin-3-yl}methoxy}-6-methoxyquinazoline,

20 4-(4-Chloro-2-fluoroanilino)-7-{{(3*S*)-1-[(*N,N*-dimethylamino)acetyl]piperidin-3-yl}methoxy}-6-methoxyquinazoline,

4-(4-bromo-2-fluoroanilino)-6-methoxy-7-{{3-[(3a*R*,6a*S*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-yl]propoxy}quinazoline,

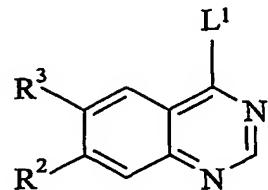
25 4-(4-bromo-2-fluoroanilino)-6-methoxy-7-{{2-[(3a*R*,6a*S*)-tetrahydro-5*H*-[1,3]dioxolo[4,5-*c*]pyrrol-5-yl]ethoxy}quinazoline,

and salts thereof.

14. A compound according to any one of the preceding claims in the form of a  
30 pharmaceutically acceptable salt.

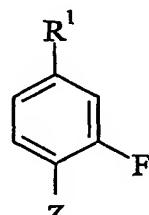
15. A process for the preparation of a compound according to claim 1 of the formula I or  
salt thereof which comprises:

5 (a) the reaction of a compound of the formula II:



(II)

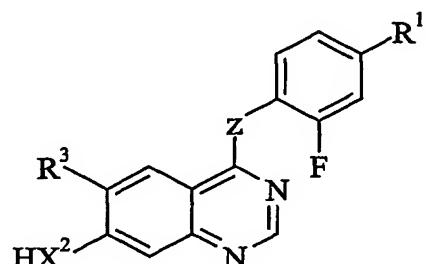
10 wherein  $R^2$  and  $R^3$  are as defined in claim 1 and  $L^1$  is a displaceable moiety, with a compound of the formula III:



(III)

15 20 wherein  $R^1$  and  $Z$  are as defined in claim 1;

(b) the reaction of a compound of the formula IV:



(IV)

25 30 wherein  $Z$ ,  $R^1$  and  $R^3$  are as defined in claim 1 with a compound of formula V:

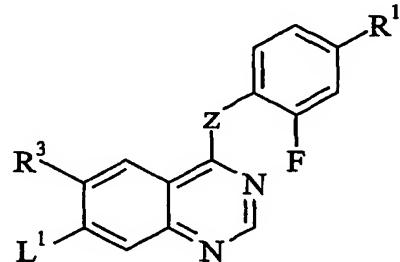
$R^5-L^1$

(V)

wherein  $R^5$  is  $Q^1$ ,  $Q^{15}$  or  $Q^{21}W^4C_{1-5}alkyl$ ,  $X^2$  is  $X^1$  or  $W^3$  and  $L^1$  is as defined herein and wherein  $Q^1$ ,  $Q^{15}$ ,  $Q^{21}$ ,  $W^4$ ,  $X^1$  and  $W^3$  are as defined in claim 1;

(c) the reaction of a compound of the formula VI:

5

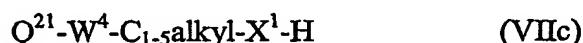


10

(VI)

with a compound of the formula VIIa-c:

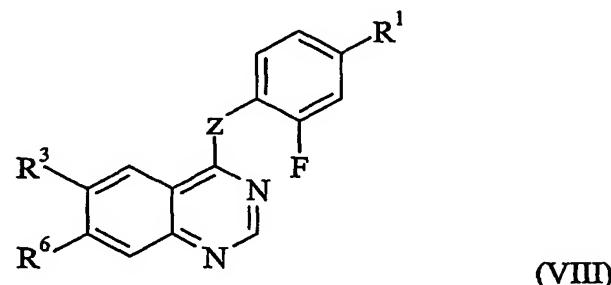
15



(wherein  $L^1$  is as defined herein and  $R^1$ ,  $R^3$ ,  $Z$ ,  $Q^1$ ,  $Q^{15}$ ,  $Q^{21}$ ,  $W^3$ ,  $W^4$  and  $X^1$  are as defined in claim 1);

20 (d) the deprotection of a compound of the formula VIII:

25

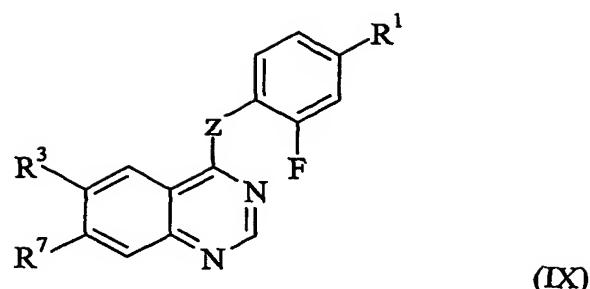


(VIII)

wherein  $R^1$ ,  $R^3$  and  $Z$  are all as defined in claim 1, and  $R^6$  represents a protected  $R^2$  group  
 30 wherein  $R^2$  is as defined in claim 1 but additionally bears one or more protecting groups  $P^2$ ;

(e) the addition of a substituent to a compound of the formula IX:

5



wherein R<sup>1</sup>, R<sup>3</sup> and Z are as defined in claim 1, and R<sup>7</sup> represents an R<sup>2</sup> group which has yet to be substituted with its final substituent;

10 and when a salt of a compound of formula I is required, reaction of the compound obtained with an acid or base whereby to obtain the desired salt.

16. A pharmaceutical composition which comprises a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof, in association with a  
 15 pharmaceutically acceptable excipient or carrier.

17. Use of a compound of the formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for use in the production of an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal.

20

18. A method for producing an antiangiogenic and/or vascular permeability reducing effect in a warm-blooded animal, such as a human being, in need of such treatment which comprises administering to said animal an effective amount of a compound of formula I as defined in claim 1 or a pharmaceutically acceptable salt thereof.

25